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enhanced on STN  
NEWS 4 JUN 26 NUTRACEUT and PHARMAML no longer updated  
NEWS 5 JUN 29 IMSCOPROFILE now reloaded monthly  
NEWS 6 JUN 29 EPFULL adds Simultaneous Left and Right Truncation  
(SLART) to AB, MCLM, and TI fields  
NEWS 7 JUL 09 PATDPAFULL adds Simultaneous Left and Right  
Truncation (SLART) to AB, CLM, MCLM, and TI fields  
NEWS 8 JUL 14 USGENE enhances coverage of patent sequence location  
(PSL) data  
NEWS 9 JUL 27 CA/CAPLUS enhanced with new citing references  
NEWS 10 JUL 16 GBFULL adds patent backfile data to 1855  
NEWS 11 JUL 21 USGENE adds bibliographic and sequence information  
NEWS 12 JUL 28 EPFULL adds first-page images and applicant-cited  
references  
NEWS 13 JUL 28 INPADOCDB and INPAFAMDB add Russian legal status data  
NEWS 14 AUG 08 Improve STN by completing a survey and be entered to  
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NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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\*\*\*\*\*  
\*  
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\*  
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\* <http://www.zoomerang.com/Survey/?p=WEB229H4S8Q5UL> \*  
\*  
\*\*\*\*\*

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 05:51:15 ON 10 AUG 2009

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.44

0.44

FILE 'REGISTRY' ENTERED AT 05:52:07 ON 10 AUG 2009

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STRUCTURE FILE UPDATES: 9 AUG 2009 HIGHEST RN 1173690-68-0

DICTIONARY FILE UPDATES: 9 AUG 2009 HIGHEST RN 1173690-68-0

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

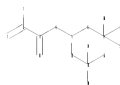
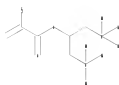
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=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary  
files\10595139\10595139 product.str



```

chain nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17
chain bonds :
1-2  2-3  2-7  3-4  3-8  4-5  5-6  5-11  6-9  9-10  9-16  9-17  11-12  12-13  12-14
12-15
exact/norm bonds :
2-7  3-4  3-8  4-5  6-9  9-10  9-16  9-17  11-12  12-13  12-14  12-15
exact bonds :
1-2  2-3  5-6  5-11

```

G1:CH3,H

```

Hydrogen count :
1:>= minimum 2  5:>= minimum 1  6:>= minimum 2  11:>= minimum 2
Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

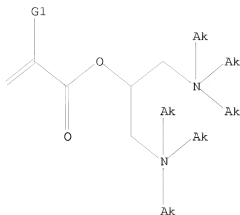
```

L1 STRUCTURE UPLOADED

```

=> d l1
L1 HAS NO ANSWERS
L1 STR

```



G1 Me,H

Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam

SAMPLE SEARCH INITIATED 05:52:52 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 171 TO ITERATE

100.0% PROCESSED 171 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 2636 TO 4204

PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> d scan

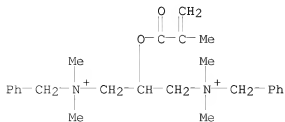
L2 3 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN 1,3-Propanediaminium, N,N,N',N'-tetramethyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-N,N'-bis(phenylmethyl)-, polymer with 1-ethenyl-2-pyrrolidinone (9CI)

MF (C25 H36 N2 O2 . C6 H9 N O)x

CI PMS, COM

CM 1

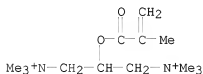


CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

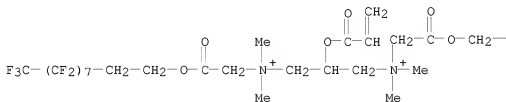
L2 3 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
 IN 1,3-Propanediaminium, N,N,N,N',N',N'-hexamethyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, diiodide, homopolymer (9CI)  
 MF (C13 H28 N2 O2 . 2 I)x  
 CI PMS  
 CM 1



● 2 I<sup>-</sup>

L2 3 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
 IN INDEX NAME NOT YET ASSIGNED  
 MF C34 H32 F34 N2 O6  
 CI COM

PAGE 1-A



PAGE 1-B



ALL ANSWERS HAVE BEEN SCANNED

=> search ll sss full  
 FULL SEARCH INITIATED 05:53:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3521 TO ITERATE

100.0% PROCESSED 3521 ITERATIONS 72 ANSWERS  
SEARCH TIME: 00.00.01

L3 72 SEA SSS FUL L1

=> save temp rawquats/a  
ENTER L#, L# RANGE, ALL, OR (END):13  
ANSWER SET L3 HAS BEEN SAVED AS 'RAWQUATS/A'

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 187.32 187.76

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FILE COVERS 1907 - 10 Aug 2009 VOL 151 ISS 7  
FILE LAST UPDATED: 9 Aug 2009 (20090809/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

The ALL, BIB, MAX, and STD display formats in the CA/Caplus family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 22.

=> l3/prep  
25 L3  
4824888 PREP/RL  
L4 17 L3/PREP  
(L3 (L) PREP/RL)

=> anhydrous  
20221 ANHYDROUS  
103484 ANHYD

5 ANHYDS  
103487 ANHYD  
(ANHYD OR ANHYDS)

L5 116775 ANHYDROUS  
(ANHYDROUS OR ANHYD)

=> 14 and 15

L6 1 L4 AND L5

=> d l6 ti fbib abs

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Esters of  $\alpha$ ,  $\beta$ -unsaturated monocarboxylic acids and  
polyaminated monohydric alcohols

AN 1969:114629 CAPLUS

DN 70:114629

OREF 70:21383a,21386a

TI Esters of  $\alpha$ ,  $\beta$ -unsaturated monocarboxylic acids and  
polyaminated monohydric alcohols

IN Korshunov, M. A.; Bodnaryuk, F. N.; Lazaryants, V. E.; Kut'in, A. M.;  
Malkova, K. N.; Preobrazhenskii, N. A.

PA Scientific-Research Institute of Monomers for Synthetic Rubbers

SO Fr., 12 pp.

CODEN: FRXXAK

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1529000		19680614	FR 1967-109058	19670605
	GB 1177227			GB	
	US 3586711		19710622	US	19670501

GI For diagram(s), see printed CA Issue.

AB The title compounds were prepared in high yields by treating polyaminoalkanols with  $\alpha$ , $\beta$ -ethylenic acids. Thus, a mixture of 1,3-bis-(dimethylamino)-2-propanol 72, Me methacrylate (I) 150, and p-hydroxydiphenylamine 1.5 g. was heated at 90° in the presence of 0.5 ml. of a 25% NaOMe solution in anhydrous MeOH, addnl. (3-4 ml.) NaOMe was added during the reaction at 120-40°, MeOH eliminated in vacuo in the form of an azeotropic mixture with I at 64-6° for 2.5-3.0 hrs., the mixture cooled to ambient temperature, filtered, and the filtrate distilled in vacuo to give 89.4% 1,3-bis-(dimethylamino)isopropyl methacrylate, b20 117-17.5°, n20D 1.445; dimethiodide m. 218-19°. The following CH2:CRCO2R1 were prepared (R, R1, b.p./mm., m.p. of dimethiodide, % yield, and n20D given): H, CH(CH2NMe2)2, 99-100°/18, 200-1°, 75.3, 1.4478; Me, CH(CH2NMe2)2, 108-12°/3, -, 92.3, 1.4528; H, CH(CH2NMe2)2, 87-8°/1, 185-6°, 93.1, 1.4510; Me, CH-[CH2N(CH2CH:CH2)2]2, 136-8°/2, -, 94.7, 1.4778; H, CH-[CH2N(CH2CH:CH2)2]2, 135-7°/2.5, -, 89.1, 1.4788; Me, CH(CH2Z)2 (Z = piperidino), 132-3°/1, -, 85.6, 1.4844; H, CH(CH2Z)2, 114°/0.4, -, 90.6, 1.4859; Me, CH(CH2NHCMe2Fr)2, 101-3°/0.5, 202-3° (dipicrate), 57.7, 1.4570; H, CH(CH2NMe2)(CH2N(CH2CH:CH2)2), 91.5°/0.4, -, 91.5, 1.4662; H, CH(CH2NMe2)CH2NZ, 93-4°/0.4, -, 94.4, 1.4693; Me, CH(CH2NMe2)CH2Z, 98-100°/0.5, -, 88.5, 1.4684; Me, CH(CH2NMe2)CH2Q (Q = morpholino) (II), 115-16°/0.7, -, 75.7, 1.4690; Me, CH2CH2NMeCH2CH2NMe2, 96.5°/4, -, 90.2, 1.4557; H, CH2CH2NMeCH2CH2NMe2, 89-92°/6, 176-9°, 85.7, 1.4552; H, CH2CH2NMeCH2CH2NMe2, 109-10°/6, -, 80.7, 1.4540; H, CH2CH2N(CH2CH:CH2)CH2CH2NMe2, 107-9°, -, 75.8, 1.4640; H, CH2CH2N(CH2CH2NMe2)2, 145-9°/0.8, -, 75.4, 1.4650; Me, (CH2)3N(CH2CH2NMe2)2, 90-3°/1, -, 80.3, 1.4576; Me, (CH2)3N(CH2CH2NMe2)2, 130-4°/0.5, -, 74.2, 1.4680; H,

(CH<sub>2</sub>)<sub>3</sub>N(CH<sub>2</sub>CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>, 139-42°, -, 76.8, 1.4670.  
OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

=> d 14 1-17 ti

L4 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Copolymerization of a Cationic Double-Charged Monomer and Electrochemical Properties of the Copolymers

L4 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Polymerizable semi-fluorinated gemini surfactants designed for antimicrobial materials

L4 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Non-ideal polymerization kinetics of a cationic double charged acryl monomer and solution behavior of the resulting polyelectrolytes

L4 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Polyelectrolytes based on diquaternary di-ammonium monomers for use in dewatering and water treatment

L4 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Preparation of (meth)acrylate diammonium salts and their use as monomers for the synthesis of polymers

L4 ANSWER 6 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Process for the production of 1,3-bis(dimethylbenzylchloroammonio)isopropyl acrylate alone or as a mixture with other monomers and their polymers

L4 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI (Meth)acrylates having quaternary amino groups in the alcohol moiety, process for their preparation and (co)polymers obtained from these monomers

L4 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Fluorinated acrylic polymers for oil- and waterproofing fibrous materials

L4 ANSWER 9 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Water-soluble (co)polymers with quaternary ammonium groups, their preparation and their use

L4 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Saline aqueous dispersions of water soluble (co)polymers based on cationic monomers, method for making same and uses thereof

L4 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Water soluble saline aqueous dispersions of copolymers based on cationic monomers, method for making same and uses thereof

L4 ANSWER 12 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Towards highly functionalized and semi-rigid polyzwitterions. Part 1. Poly(dizwitterionic methacrylates). Synthesis and specific properties

L4 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Radiation copolymerization of N-vinylpyrrolidone with quaternary ammonium salts of 1,3-bis(dimethylamino)isopropyl methacrylate

L4 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Preparation of cationic acrylic polymers for controlled release of drugs



L4 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
 TI Benzyl- and phenoxyethylpenicillin salts based on aminoalkyl methacrylate polymers

L4 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
 TI Esters of  $\alpha, \beta$ -unsaturated acids with functional groups in the alkoxy radical. VII. Acrylates and methacrylates of monohydric polyamino alcohols

L4 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
 TI Esters of  $\alpha, \beta$ -unsaturated monocarboxylic acids and polyaminated monohydric alcohols

=> d 14 14-17 ti fbib abs

L4 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN  
 TI Preparation of cationic acrylic polymers for controlled release of drugs  
 AN 1988:474147 CAPLUS  
 DN 109:74147

OREF 109:12433a,12436a

TI Preparation of cationic acrylic polymers for controlled release of drugs  
 IN Vacik, Jiri; Bouchal, Karel; Obereigner, Blahoslav; Zurkova, Eva; Kalal, Jaroslav; Likarova, Eva; Borovicka, Milos; Koblas, Karel; Sajvera, Jiri; et al.

PA Czech.

SO Czech., 6 pp.

CODEN: CZXXA9

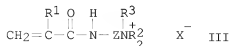
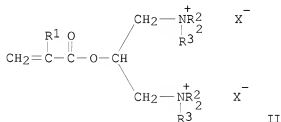
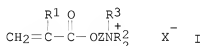
DT Patent

LA Czech

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 250962	B1	19870514	CS 1985-3209	19850504
OS	MARPAT 109:74147			CS 1985-3209	19850504

GI



AB Title polymers insol. in H<sub>2</sub>O and organic solvents after hardening, with good adhesion to surfaces, are prepared by radical solution copolymn. of glycol (meth)acrylates, alkyl (meth)acrylates, cationic monomers I, II, or III



R'-CO<sub>2</sub>(CH<sub>2</sub>)<sub>2</sub>N(CH<sub>2</sub>CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>, RCO<sub>2</sub>(CH<sub>2</sub>)<sub>3</sub>N(CH<sub>2</sub>CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>,  
 R'-CO<sub>2</sub>(CH<sub>2</sub>)<sub>3</sub>N(CH<sub>2</sub>CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>, R'CO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>NMeCH(CH<sub>2</sub>NMe<sub>2</sub>)<sub>2</sub>,  
 R'CO<sub>2</sub>(CH<sub>2</sub>)<sub>3</sub>NMeCH(CH<sub>2</sub>NMe<sub>2</sub>)<sub>2</sub>. In the transesterification of RCO<sub>2</sub>Me or  
 R'CO<sub>2</sub>Me with the amino alcs., Ti alkoxides are not effective as the  
 catalysts.

L4 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2009 ACS on STN

TI Esters of  $\alpha$ ,  $\beta$ -unsaturated monocarboxylic acids and  
 polyaminated monohydric alcohols

AN 1969:114629 CAPLUS

DN 70:114629

OREF 70:21383a,21386a

TI Esters of  $\alpha$ ,  $\beta$ -unsaturated monocarboxylic acids and  
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IN Korshunov, M. A.; Bodnaryuk, F. N.; Lazaryants, V. E.; Kut'in, A. M.;  
 Malkova, K. N.; Preobrazhenskii, N. A.

PA Scientific-Research Institute of Monomers for Synthetic Rubbers

SO Fr., 12 pp.

CODEN: FRXXAK

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1529000		19680614	FR 1967-109058	19670605
	GB 1177227			GB	
	US 3586711		19710622	US	19670501

GI For diagram(s), see printed CA Issue.

AB The title compds. were prepared in high yields by treating polyaminoalkanols  
 with  $\alpha$ ,  $\beta$ -ethylenic acids. Thus, a mixture of  
 1,3-bis-(dimethylamino)-2-propanol 72, Me methacrylate (I) 150, and  
 p-hydroxydiphenylamine 1.5 g. was heated at 90° in the presence of  
 0.5 ml. of a 25% NaOMe solution in anhydrous MeOH, addnl. (3-4 ml.) NaOMe was  
 added during the reaction at 120-40°, MeOH eliminated in vacuo in  
 the form of an azeotropic mixture with I at 64-6° for 2.5-3.0 hrs.,  
 the mixture cooled to ambient temperature, filtered, and the filtrate  
 distilled in

vacuo to give 89.4% 1,3-bis-(dimethylamino)isopropyl methacrylate, b<sub>20</sub>  
 117-17.5°, n<sub>D</sub> 1.445; dimethiodide m. 218-19°. The  
 following CH<sub>2</sub>:CRO<sub>2</sub>R<sub>1</sub> were prepared (R, R<sub>1</sub>, b.p./mm., m.p. of dimethiodide,  
 % yield, and n<sub>D</sub>20 given): H, CH(CH<sub>2</sub>NMe<sub>2</sub>)<sub>2</sub>, 99-100°/18,  
 200-1°, 75.3, 1.4478; Me, CH(CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>, 108-12°/3, -, 92.3,  
 1.4528; H, CH(CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>, 87-8°/1, 185-6°, 93.1, 1.4510; Me,  
 CH-[CH<sub>2</sub>N(CH<sub>2</sub>CH:CH<sub>2</sub>)<sub>2</sub>]<sub>2</sub>, 136-8°/2, -, 94.7, 1.4778; H,  
 CH-[CH<sub>2</sub>N(CH<sub>2</sub>CH:CH<sub>2</sub>)<sub>2</sub>]<sub>2</sub>, 135-7°/2.5, -, 89.1, 1.4788; Me, CH(CH<sub>2</sub>Z)<sub>2</sub>  
 (Z = piperidino), 132-3°/1, -, 85.6, 1.4844; H, CH(CH<sub>2</sub>Z)<sub>2</sub>,  
 114°/0.4, -, 90.6, 1.4859; Me, CH(CH<sub>2</sub>NHCH<sub>2</sub>Pr)<sub>2</sub>, 101-3°/0.5,  
 202-3° (dipicrate), 57.7, 1.4570; H, CH(CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub> (CH<sub>2</sub>N(CH<sub>2</sub>CH:CH<sub>2</sub>)<sub>2</sub>)<sub>2</sub>,  
 91.5°/0.4, -, 91.5, 1.4662; H, CH(CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>CH<sub>2</sub>NZ, 93-4°/0.4,  
 -, 94.4, 1.4693; Me, CH(CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>CH<sub>2</sub>Z, 98-100°/0.5, -, 88.5, 1.4684;  
 Me, CH(CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>CH<sub>2</sub>Q (Q = morpholino) (II), 115-16°/0.7, -, 75.7,  
 1.4690; Me, CH<sub>2</sub>CH<sub>2</sub>NMeCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, 96.5°/4, -, 90.2, 1.4557; H,  
 CH<sub>2</sub>CH<sub>2</sub>NMeCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, 89-92°/6, 176-9°, 85.7, 1.4552; H,  
 CH<sub>2</sub>CH<sub>2</sub>NMeCH<sub>2</sub>CH<sub>2</sub>Net<sub>2</sub>, 109-10°/6, -, 80.7, 1.4540; H,  
 CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>2</sub>CH:CH<sub>2</sub>)CH<sub>2</sub>CH<sub>2</sub>Net<sub>2</sub>, 107-9°, -, 75.8, 1.4640; H,  
 CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>2</sub>CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>, 145-9°/0.8, -, 75.4, 1.4650; Me,  
 (CH<sub>2</sub>)<sub>3</sub>N(CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>)<sub>2</sub>, 90-3°/1, -, 80.3, 1.4576; Me,  
 (CH<sub>2</sub>)<sub>3</sub>N(CH<sub>2</sub>CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>, 130-4°/0.5, -, 74.2, 1.4680; H,  
 (CH<sub>2</sub>)<sub>3</sub>N(CH<sub>2</sub>CH<sub>2</sub>Net<sub>2</sub>)<sub>2</sub>, 139-42°, -, 76.8, 1.4670.

OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	36.44	224.20
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.10	-4.10

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FILE COVERS 1907 - 10 Aug 2009 VOL 151 ISS 7  
 FILE LAST UPDATED: 9 Aug 2009 (20090809/ED)  
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009  
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

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The ALL, BIB, MAX, and STD display formats in the CA/CAplus family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 22.

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.50	224.70
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-4.10

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 AUG 2009 HIGHEST RN 1173690-68-0  
DICTIONARY FILE UPDATES: 9 AUG 2009 HIGHEST RN 1173690-68-0

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when  
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REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

```
=> e 2-methacryloyloxyethyltrimethylammonium chloride/cn
E1      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM 2-ACRYLAMIDO-2-METHY
L-1-PROPANESULFONATE/CN
E2      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM 2-METHACRYLOYLOXYETH
ANESULFONATE HOMOPOLYMER/CN
E3      0 --> 2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE/CN
E4      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-3-METHACRYL
OXYPROPYLTRIETHOXYISILANE-METHYL METHACRYLATE-TRIS (TRIMETHYLS
ILOXY) SILYLPROPYL METHACRYLATE-TETRAETHOXYISILANE COPOLYMER/C
N
E5      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-METHYL METH
ACRYLATE COPOLYMER/CN
E6      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-STYRENE COP
OLYMER/CN
E7      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-TRIETHYLENE
GLYCOL DIACRYLATE COPOLYMER/CN
E8      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM IODIDE HOMOPOLYMER/C
N
E9      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM IODIDE-SODIUM 2-METH
ACRYLOYLOXYETHANESULFONATE COPOLYMER/CN
E10     1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM METHYL SULFATE-POLYE
THYLENE GLYCOL METHYL ETHER METHACRYLATE GRAFT COPOLYMER/CN
E11     1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM SULFATE/CN
E12     1      2-METHACRYLOYLOXYMETHYL-18-CROWN-6/CN

=> e e1
E1      1      2-METHACRYLOYLOXYETHYLPHOSPHORYLCHOLINE-SK 5556 COPOLYMER/CN
E2      1      2-METHACRYLOYLOXYETHYLPHOSPHORYLCHOLINE-STEARYL METHACRYLATE
COPOLYMER/CN
E3      1 --> 2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM 2-ACRYLAMIDO-2-METHY
L-1-PROPANESULFONATE/CN
E4      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM 2-METHACRYLOYLOXYETH
ANESULFONATE HOMOPOLYMER/CN
E5      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-3-METHACRYL
OXYPROPYLTRIETHOXYISILANE-METHYL METHACRYLATE-TRIS (TRIMETHYLS
ILOXY) SILYLPROPYL METHACRYLATE-TETRAETHOXYISILANE COPOLYMER/C
N
E6      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-METHYL METH
ACRYLATE COPOLYMER/CN
E7      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-STYRENE COP
OLYMER/CN
E8      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-TRIETHYLENE
GLYCOL DIACRYLATE COPOLYMER/CN
E9      1      2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM IODIDE HOMOPOLYMER/C
```

N  
E10 1 2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM IODIDE-SODIUM 2-METH  
ACRYLOYLOXYETHANESULFONATE COPOLYMER/CN  
E11 1 2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM METHYL SULFATE-POLYE  
THYLENE GLYCOL METHYL ETHER METHACRYLATE GRAFT COPOLYMER/CN  
E12 1 2-METHACRYLOYLOXYETHYLTRIMETHYLAMMONIUM SULFATE/CN

=>

=> logoff hold  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
13.92	238.62

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-4.10

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SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 06:24:26 ON 10 AUG 2009

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'REGISTRY' AT 08:00:14 ON 10 AUG 2009  
FILE 'REGISTRY' ENTERED AT 08:00:14 ON 10 AUG 2009  
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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
13.92	238.62

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-4.10

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=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
14.88	239.58

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-4.10

CA SUBSCRIBER PRICE

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STN INTERNATIONAL SESSION SUSPENDED AT 08:01:39 ON 10 AUG 2009